



JON M. HUNTSMAN, JR.
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Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Deputy Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Incoming
Task ID# 2606
cc: Leslie

July 14, 2008

Ziegler Chemical & Mineral Corp.
Star Route
Vernal, UT 84078

Subject: Deficient Notice of Intention to Commence Small Mining Operations, Ziegler Chemical & Mineral Corp., Harrison Project, S0470100, Uintah County, Utah

Dear Catherine Ziegler:

The Notice of Intent to Commence Small Mining Operations (NOI), received by the Division on June 13, 2008, is incomplete. The following information is required:

- 1) Page 3 - #5. Submit name and address of surface land owner
- 2) Page 3 - #6. Submit name and address of mineral rights owner
- 3) Page 4 - #II 1. Submit Quad map name
- 4) Page 4 - #II 2. Submit general location map, MUST be 1"=2000' USGS 7.5 quad map, include data requested on NOI.
- 5) Page 4 - #II 2. Submit operation map, 1"=200' map, include data requested on NOI. *Done*
- 6) Page 4 - #II 3. Show the map area to be disturbed on the map. *Done*
- 7) Page 4 - #III 3. Submit amount of material to be removed.
- 8) Page 5 - #III 6 & 7. Submit info on roads to be built. If no roads are to be built, state so. *map NO*
- 9) Page 5 - #III 8. Submit acreage of area to be disturbed.
- 10) Page 5 - #III 9. Start up date should be in the future for a new permit. *2*
- 11) Page 5 - #10. Submit an approximate completion date. *2012*
- 12) Maps - General comment: all maps need north arrow, scale, appropriate labels and the title box, with the mine name, township, range and section number.

The surety amount for this site cannot be calculated, as the NOI does not contain enough information.

In reply, please refer to file number S/047/0100. Thank you for your cooperation.

Sincerely,

Dana Dean, P.E.
Associate Director, Mining

DD:nh:pb

\\GROU\S\MINERA\SWP\M047-Utah\S0470100-Harrison\final\deficient-kr_S0470100.doc

1594 West North Temple, Suite 1210, PO Box 145001, Salt Lake City, UT 84114-5001
telephone (801) 534-5740 • fax (801) 534-3948 • TTY (801) 534-7458 • www.dnr.utah.gov

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DIV. OF OIL, GAS & MINING



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5. **Ownership of Land Surface:**

Private ☒ (Fee) ■ Public Domain ☒ (BLM) ■ National Forest (USFS) ■
State Trust Land/School Sections ■ State Sovereign Lands ■
Other (please describe): ZIEGLER CHEMICAL & MINERAL CORP.

Name Gordon Ziegler Address 366 N. Broadway Suite 210 Jericho, NY 11753

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

6. **Ownership of Minerals:**

Private ☒ (Fee) ■ Public Domain ☒ (BLM) ■ National Forest (USFS) ■
State Trust Land/School Sections ■ State Sovereign Lands ■
Other (please describe): ZIEGLER CHEMICAL & MINERAL CORP.

Name GORDON ZIEGLER Address 366 N. BROADWAY SUITE 210 JERICHO, NY 11753

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

BLM Lease or Project File Number(s) and/or USFS assigned Project Number(s): _____

BLM Claim Numbers NONE

Utah State Lease Number(s): NONE

Name of Lessee(s) NONE

7. **Have the above surface and mineral owners been notified in writing?**

Yes ☒ No _____

If no, why not? _____

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration **prior** to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

8. **Does the Entity have legal right to enter and conduct mining operations on the land covered by this notice?** Yes ☒ No _____

II. **PROJECT LOCATION & MAP** (Rule R647-3-105)

1. **Project Location** (legal description):

County(ies): UINTAH

SE 1/4, of SE 1/4, of _____ 1/4: Section: 16 Township: 11 S Range: 24 E
____ 1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____
____ 1/4, of _____ 1/4, of _____ 1/4: Section: _____ Township: _____ Range: _____

UTM East _____ (if known) UTM North _____ (If known)

Name of Quad Map for Location: UINTAH COUNTY TRANSPORTATION SYSTEM MAP

2. **Location and Operations maps** must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.

a. The **general location map** must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.

b. The **operations map** (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:

i. The area to be disturbed;

ii. The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and

iii. Any adjacent previous disturbance for which the operator is not responsible.

(Contact the Division for a list of consultants and land surveyors for mapping assistance.)

3. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked in the field ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. **OPERATION PLAN** (Rule R647-3-106)

1. **Type of mining:** Surface ☐ Underground ☒

2. **Mineral(s) to be mined:** Gilsonite

3. **Amount of material** to be extracted, moved, or proposed to be moved: _____
5,000 to 10,000 ton

4. Will any **water, liquid chemicals, reagents, or other solutions** be used, produced or discharged as part of the mining or milling process?

Yes ☐ No ☒ If yes, please describe (add extra pages if needed) _____

5. Provide a brief **description of the proposed mining operation** and onsite processing facilities (add extra pages if necessary). Extract Gilsonite out of the ground.

6. ■ **New Road(s):** Length NONE (ft) Width _____ (ft)
7. ■ **Improved Road(s):** Provide a description of the improvements that need to be made to existing roads to access the site, including the Length 1203 (ft) and Width 15 (ft) of improvements. Graded ONLY
8. Total project surface **acreage to be disturbed:** 1.48 (acres) PLEASE SPECIFY **EXACT ACREAGE** - (this will be used to determine surety bond amount – see #VI).
9. Proposed **startup date** (month, year) September 2008
10. Proposed **completion date**, if known (month, year) DECEMBER 2012

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at www.ogm.utah.gov.

1. *Keep the mining operation in a safe, clean, and environmentally stable condition.*
2. *Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.*
3. *Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.*
4. *Construct berms, fences, or barriers, when needed, above highwalls and excavations.*
5. *Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.*
6. *Remove all waste or debris from stream channels.*
7. *Dispose of any trash, scrap metal, wood, machinery, and buildings.*
8. *Conduct mining activities so as to minimize erosion and control sediment.*
9. *Reclaim all roads that are not part of a permanent transportation system.*
10. *Stockpile topsoil and suitable overburden prior to mining.*
11. *Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.*
12. *Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.*
13. *Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)*
14. *Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.*

Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

Operator: <u>Bob Davis</u>			
Mine Name: <u>Harrison</u>		File Number: E or M/ <u>/</u> <u>S/047/0100</u>	
Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.			
DETAILED SCHEDULE OF CHANGES TO THE NOTICE			
			Description of map, text, or materials to be changed
ADD	<u>REPLACE</u>	REMOVE	<u>Page 3</u>
ADD	<u>REPLACE</u>	REMOVE	<u>Page 4</u>
ADD	<u>REPLACE</u>	REMOVE	<u>Page 5</u>
<u>ADD</u>	REPLACE	REMOVE	<u>Map Directions</u>
<u>ADD</u>	REPLACE	REMOVE	<u>Harrison maps</u>
<u>ADD</u>	REPLACE	REMOVE	<u>Letter Head Cover letter</u>
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Bob Davis Bob Davis
Print Name Sign Name, Position (DA)

8-25-08
Date

Return to:

State of Utah
Division of Oil, Gas and Mining
Attn: Minerals Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

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FOR DOGM USE ONLY:	
File #: <u>M/</u> <u>/</u>	
Approved: _____	
Bond Adjustment: from (\$) <u> </u>	
to \$ <u> </u>	

ZIEGLER CHEMICAL & MINERAL CORP.

LITTLE BONANZA OPERATIONS

STAR ROUTE, VERNAL, UTAH 84078

Telephone: (435) 789-3595 Fax: (435) 789-3593

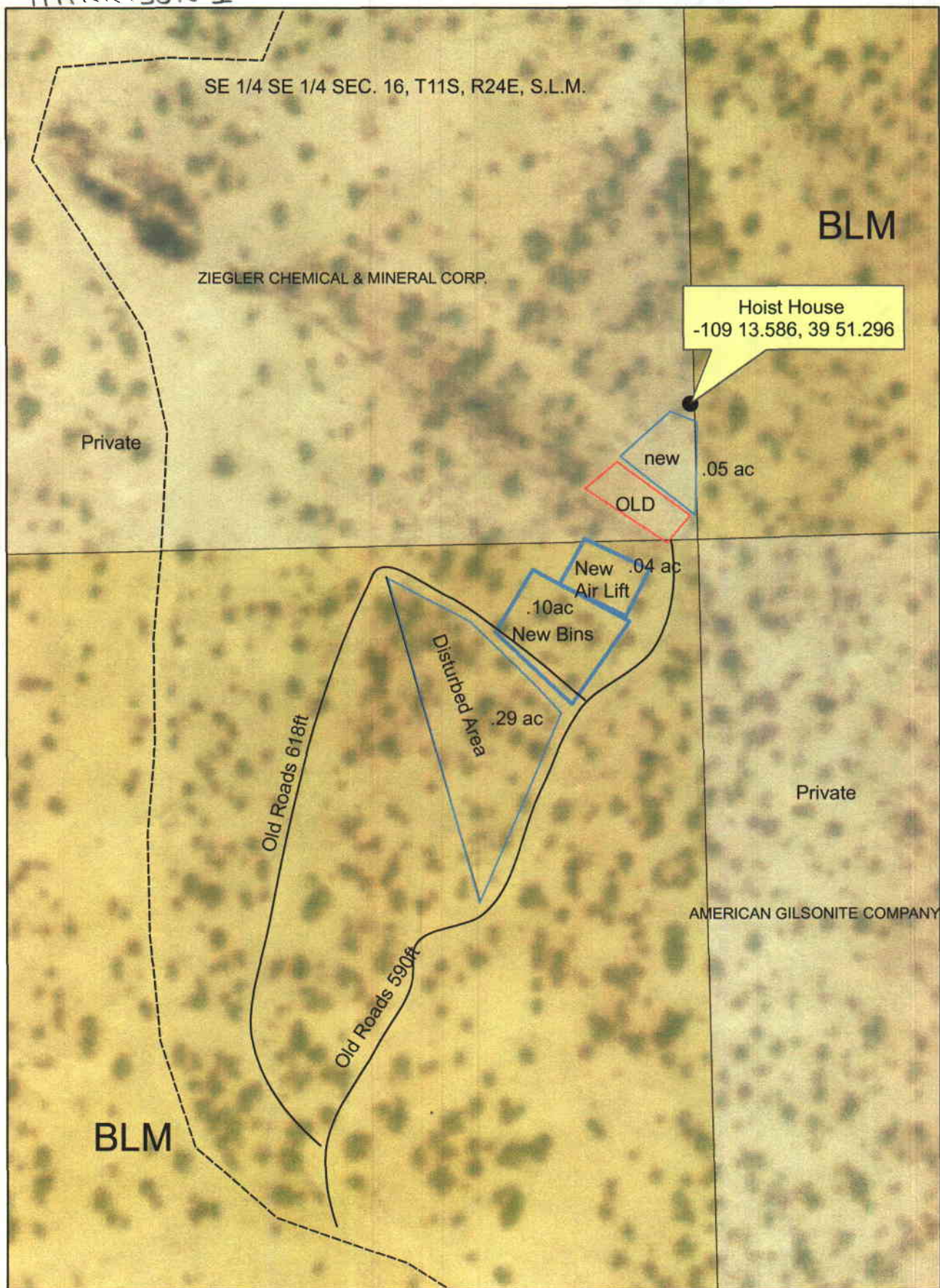
File Number: S/047/0100

Bob Davis: Harrison

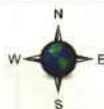
Contents: 2 Maps, Page's 3, 4, 5 and Revision Form

Division: Minerals Regulatory Program

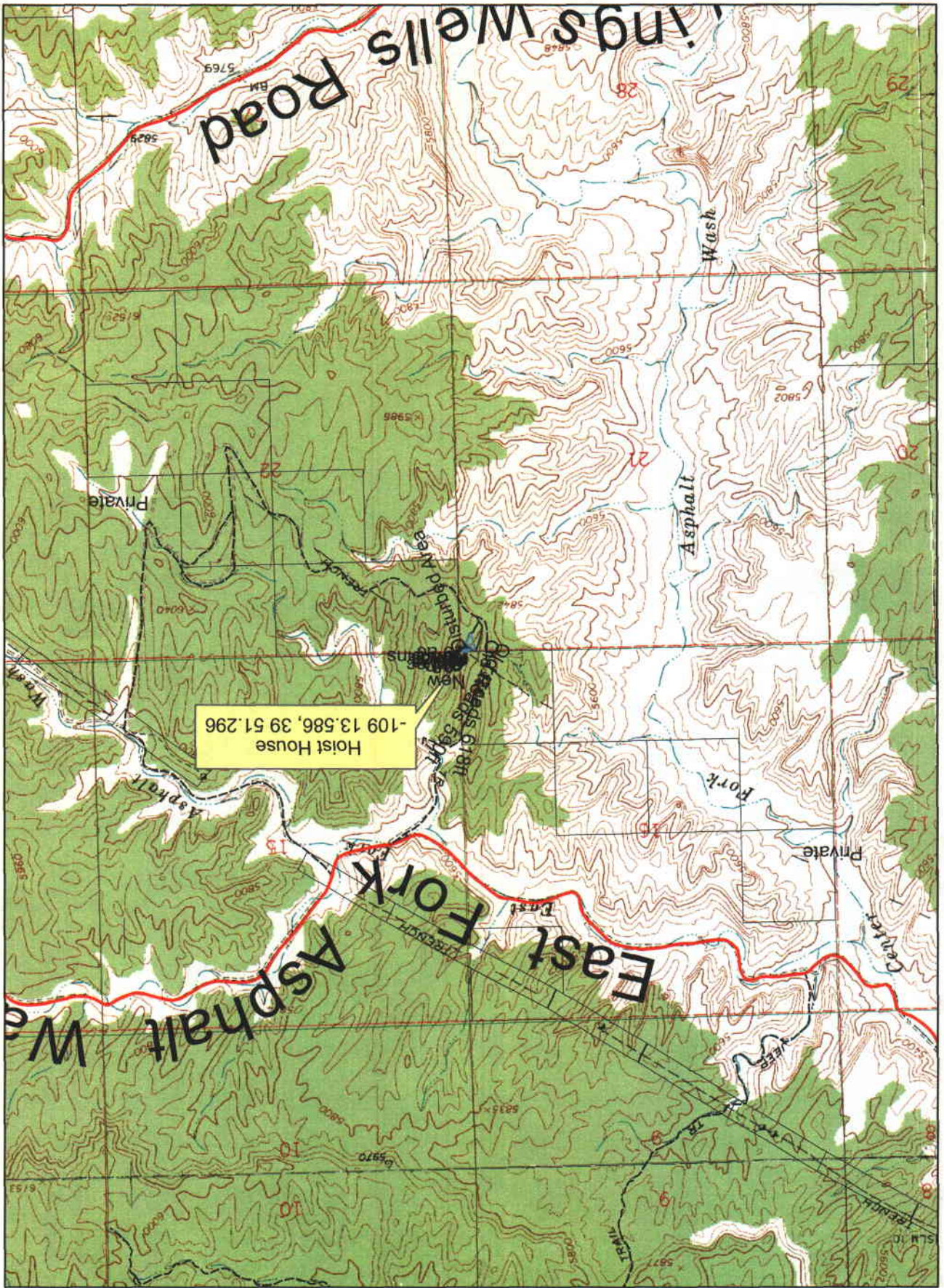
HARRISON 1



1 inch equals 100 feet



1 inch equals 2,000 feet



Harrison J

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F10S
T11S

T9S
T10S

Rio Blanco County, CO